

EULACHNUS DEL GUERCIO, 1909 (INSECTA, HEMIPTERA): PROPOSED SUPPRESSION UNDER THE PLENARY POWERS. Z.N.(S.) 1541

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This application concerns a supposedly wrongly identified type-species.

2. Kaltenbach 1843 (*Mon. Phytophthires*: 161-162) described *Lachnus agilis* as a new species.

3. Del Guercio 1909 (*Redia* 5 : 315) erected *Eulachnus* as a new genus for four previously described and five new species. Del Guercio did not designate a type for *Eulachnus* but the first species mentioned in both the key (*Redia* 5 : 315-316) and the descriptions (pp. 317-321) is referred to as *Eulachnus agilis* (Kaltenbach) Del Guercio and *Lachnus agilis* Kltb. is given as a synonym. Del Guercio defined *Eulachnus* in such a way as to exclude the species to which all other authors have applied the name *agilis* Kltb. and described his *agilis* in detail (pp. 317-321 and figs. 222-227), making it certain that he did not have *Lachnus agilis* Kaltenbach.

4. Wilson 1911 (*Ann. ent. Soc. Amer.* 4 : 54) said "... *Eulachnus* Del Guercio (loc. cit.) the type of which probably should be *E. agilis* (Kalt.)" but later on the same page tabulated *agilis* as the type of *Eulachnus* without any query. Most later authors have used *Eulachnus* with the genuine *Lachnus agilis* Kaltenbach as type.

5. Theobald 1915 (*Bull. ent. Res.* 6 : 145) erected *Protolachnus* as a new genus for the single new species, *Protolachnus tuberculostemmata*.

6. Baker 1920 (*Bull. U.S. Nat. Mus.* 826 : 15) accepted Wilson's type citation reluctantly saying, "Wilson has indicated *agilis* Kalt. as the type. Apparently, therefore, the genus must be based on that species." Baker placed *Protolachnus* Theobald, 1915, as a synonym of *Eulachnus* Del Guercio, 1909, and all later authors have placed *agilis* and *tuberculostemmata* together in the same genus, regardless of which generic name they used. Baker 1920 (*ibid.* 826 : 15) also erected a sub-tribe *EULACHNINA* based on *Eulachnus*.

6. Börner 1939 (*Arb. phys. angew. Ent.* 6 : 75) used *Cinara* Curtis 1835 for more or less the same group of species for which Del Guercio established *Eulachnus* and in 1940 (*Neue Blattläuse aus Mitteleuropa*, privately published, p. 1) used *Eulachnus* for the true *Lachnus agilis* Kltb.

7. Hille Ris Lambers 1948 (*Trans. R. ent. Soc. Lond.* 99 : 275) proposed *Cinarella* (type-species *Lachnus pineus* Mordwilko, 1894/5, *Rab. Lab. zool. Kab., Varshava* 1894 : 126-130) as a new name for *Cinara* Curtis of Börner 1939 nec Curtis 1835. The Commission has already decided in favour of Hille Ris Lambers' interpretation of *Cinara* Curtis. (1956, Opinion 399, type-species *Aphis pini* L., 1758.)

8. Börner 1952 (*Mitt. Thuring. Bot. Ges.* 4 : 40) used *Protolachnus* Theobald, 1915, to replace what he called *Eulachnus* Wilson not Del Guercio, saying that Del Guercio had misinterpreted *Lachnus agilis*. Börner selected another species originally included in *Eulachnus* by Del Guercio, *Eulachnus mingazzinii* Del

Guercio, as type of *Eulachnus*. This makes *Eulachnus* a synonym of *Cinara* in the sense of Börner which has been renamed *Cinarella* Hille Ris Lambers, 1948. If this type selection is accepted *Cinarella* H.R.L., 1948 would become a synonym of *Eulachnus* Del Guercio, 1909. Although this is the sense in which Del Guercio used *Eulachnus* this type citation is undesirable because it would cause confusion, as all later authors accepting *Eulachnus* as a valid name have used it for a different generic concept. Börner 1952 (*ibid.* 4 : 39) used a tribe PROTOLACHNINI, which he attributed to Baker in parentheses, apparently to indicate that it is a replacement name for EULACHNINA Baker.

9. In the interests of nomenclatural stability it is desirable either, (1) to accept *Lachnus agilis* Kltb. as the type of *Eulachnus* in accordance with the most frequent usage, or, (2) to suppress *Eulachnus* in which case *Protolachnus* is available for this generic concept. It is thought that least confusion will arise if *Eulachnus* is suppressed and the International Commission on Zoological Nomenclature is therefore asked:—

- (1) to use its plenary powers to suppress the generic name *Eulachnus* Del Guercio, 1909, for the purposes of the Law of Priority but not for those of the Law of Homonymy, in the interests of stability and uniformity of nomenclature in the APHIDIDAE ;
- (2) to place the following generic names on the Official List of Generic Names in Zoology :—
 - (a) *Protolachnus* Theobald, 1915 (gender : masculine), type-species, by monotypy, *Protolachnus tuberculostemmata* Theobald, 1915 ;
 - (b) *Cinarella* Hille Ris Lambers, 1948 (gender : feminine), type-species, by original designation, *Lachnus pineus* Mordwilko, 1894-95.
- (3) to place the following specific names on the Official List of Specific Names in Zoology :
 - (a) *tuberculostemmata* Theobald, 1915, as published in the binomen *Protolachnus tuberculostemmata* (type-species of *Protolachnus* Theobald, 1915) ;
 - (b) *pineus* Mordwilko, 1894/5, as published in the binomen *Lachnus pineus* (type-species of *Cinarella* Hille Ris Lambers, 1948).
- (4) to place the following generic name on the Official Index of Rejected and Invalid Names in Zoology :

Eulachnus Del Guercio, 1909, (as suppressed under the plenary powers in (1) above).